



Pushpanjali

Senior Molecular Scientist

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About me

- 2 years work experience as molecular biologist
- A versatile biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

Skills

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Primer Designing

Tissue Culture

Barcode

DNA, RNA, Plasmid Isolation

Library Preparation

Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

Experience

- 2018-2020 *Biokart India Private Limited, Bangalore* Full Time
The responsibilities include:
 - *DNA & RNA extraction* from various samples including human ones
 - Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*
 - SOP's manual preparation and Data/Report submission to the clients
 - Preparation of *PCR purification kit* and *DNA extraction kit*
 - Query resolution & reaching out to clients for specific requirements
- 2014-2015 *Mahavir Cancer Sansthan* Training
Hands on experience in performing the following tests:
 - *Liver function tests* like Bilirubin Test, SGPT and SGOT
 - *Kidney function tests*: Creatinine Test, Urea Test and Uric Acid Test
 - Hemoglobin Test, Cholesterol Test and Glucose Test
 - RBC, WBC and Sperm Count and determination of blood groups
- 2017-2018 *Banaras Hindu University* Project
 - Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
 - Collected various morphological readings and examined cellulase activity of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

Education

- 2016-2018 *Masters* Banaras Hindu University
Completed Master of Science degree in Biotechnology with overall GPA of 8.05
- 2013-2016 *Bachelors* Patna Science Collage
Completed Bachelors of Science degree in Biotechnology with distinction
- 2010-2012 *Senior Secondary* DAV Public School
Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

Other Informations

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking